

Thiacalix[4] arenes with terminal thiol groups at the lower rim: Synthesis and structure

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Abstract

Methods were developed for the synthesis of ω -mercaptoalkoxy derivatives of thiacalix[4]-arenes in the 1,3-alternate conformation containing different numbers (2-5) of methylene spacers at the lower rim. The hydrazinolysis of the corresponding thioacetates is the most efficient method for the synthesis of these compounds. © 2009 Springer Science+Business Media, Inc.

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Keywords

1,3-alternate stereoisomer, Bromo derivatives, Lower rim, Mercapto derivatives, Thiacalix[4]arenes, Thiols